

US EPA ARCHIVE DOCUMENT

# DRAFT

TABLE 1

	Air Quality Limits (tons/year)		
	Existing Regulatory Limit	Project XL Limit	Hazard Index Limit
Volatile Organic Compound (VOC) Emissions	32000	4500	N/A
Total Hazardous Air Pollutant (HAP) Emissions	N/A	3000	N/A
Particulate Matter less than ten microns (PM10)	231*	44*	N/A
Carbon Monoxide (CO)	65	At all times 3M shall meet or exceed the regulatory limit	N/A
Sulfur Oxides (SOx)	1388	At all times 3M shall meet or exceed the regulatory limit	N/A
Nitrogen Oxides (NOx)	512	At all times 3M shall meet or exceed the regulatory limit	N/A
Annual Hazard Index for Chronic HAPs	N/A	N/A	<1
Annual Hazard Index for Carcinogenic HAPs	N/A	N/A	<1
Acute Hazard Index for HAPs	N/A	N/A	**

\*Applies to PM10 emissions from non-boiler sources.

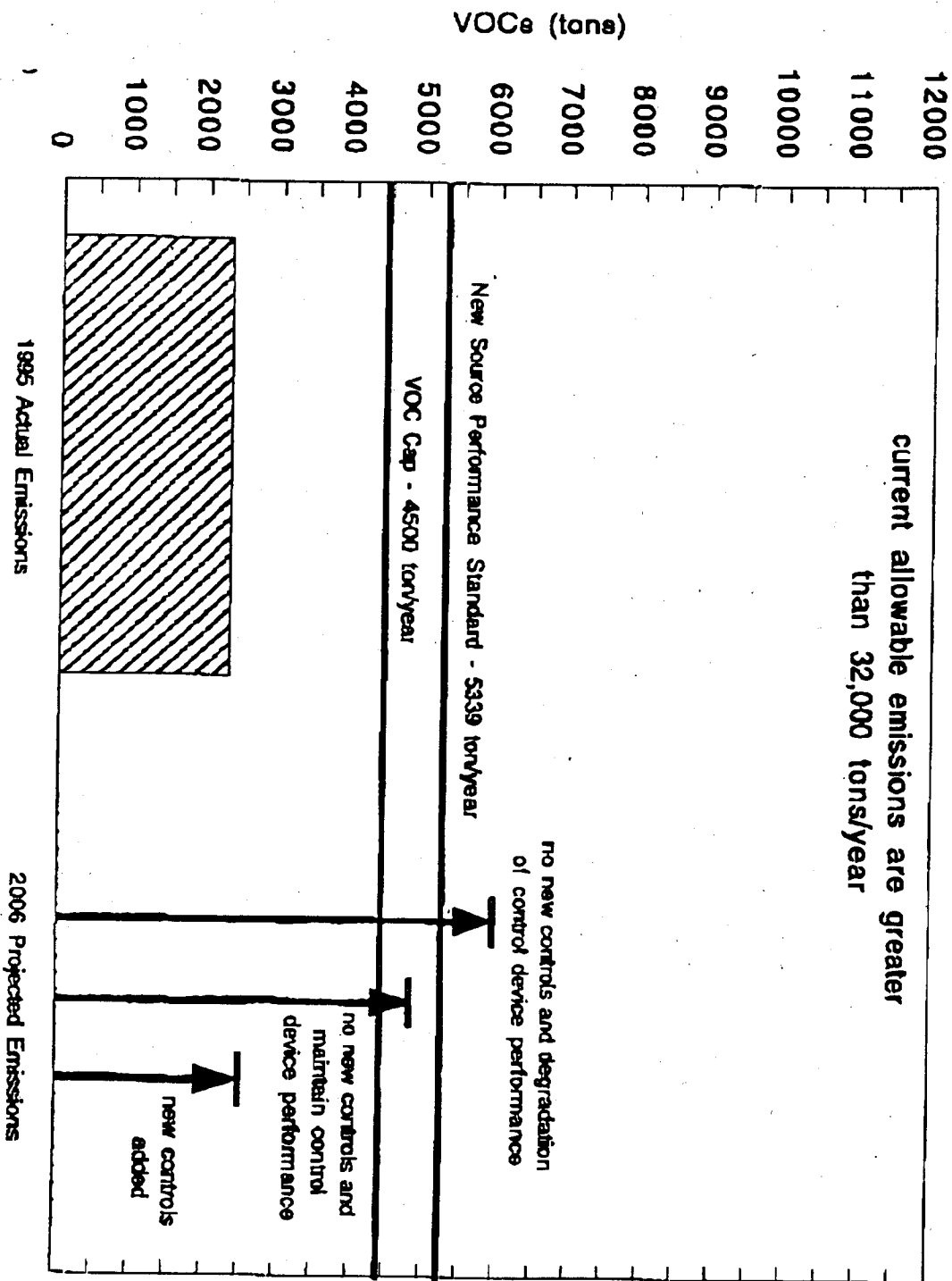
\*\*The permittee shall comply with an acute hazard index of <1 for individual HAPs upon promulgation of thresholds in state or federal rules.

1. The permittee shall comply with the 3M Best Achievable Control Technology policy stated in the 3M Environmental Management System (EMS) document for following VOC emission sources:

- a. new sources which result which result in a increase  $\geq 40$  tpy of VOC emissions; and
- b. existing sources which are  $\geq 100$  tpy of VOC emissions.

2. 3M Hutchinson shall comply with the applicable requirements of Title VI of the Clean Air Act.

# Hutchinson Volatile Organic Compound (VOC) Cap



# 3M Environmental Policy

*ET&S Providing Global Leadership*

## Air Emissions Reduction Program (AERP)

- Applicability** This policy applies to all 3M U.S. and O.U.S. operations.
- Introduction** 3M has implemented the Air Emissions Reduction Program to exercise corporate environmental responsibility. The U.S. AERP was approved June 24, 1987; the O.U.S. AERP was approved February 17, 1988.
- Policy Statement** Volatile organic compounds (VOC) will be controlled at 3M facilities, following the guidelines and target schedules listed below.
- Policy Guidelines** Although emitting sources will be individually evaluated, these general guidelines apply:
- Install Best Available Control Technology (BACT) on all sources emitting greater than 100 tons per year VOC.
  - Control all new sources as follows:
    - U.S. – emitting greater than 40 tons per year VOC
    - O.U.S. – emitting greater than 100 tons per year VOC
  - Maintain annual records of actual emissions.
  - U.S. only – Donate to the state government those emission reduction credits not required by the facility for future use.
- Target Schedule** U.S. 1 Jul 92  
**For Compliance** O.U.S. 1 Mar 93
- Definitions** **Emitting Source** – A coater or other process equipment.  
**Coater** – Everything between the unwind and winder. A tandem coater with two unwinds and two winders should be considered as two emitting sources.
- For Further Information** Contact 3M Environmental Technology and Services, St. Paul, MN, (612) 778-4335.
- Policy Approval** - Corporate Operations Committee

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